

COMPUTER'S RECORD (MPI)

For use of this form, see FM 3-22.91; the proponent agency is TRADOC.

UNIT	DATE	TIME
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MESSAGE TO OBSERVERS		OBSERVER'S READINGS		
PREPARE TO OBSERVE MPI REGISTRATION		ROUND NO	OP #	OP #
OP# _____ DIR _____ VA ⁺ _____		1.		
OP# _____ DIR _____ VA ⁺ _____		2.		
REPORT WHEN READY TO OBSERVE		3.		
VERTICAL ANGLE COMPUTATIONS		4.		
RP ALTITUDE _____		5.		
		6.		
		7.		
		8.		
		9.		
		10.		
<div> <div>OP # _____</div> <div>RP ALT _____</div> <div>OP ALT _____</div> <div>VI ⁺ _____</div> <div>OP RANGE _____</div> <div>W RXM _____</div> </div> <div> <div>OP # _____</div> <div>RP ALT _____</div> <div>OP ALT _____</div> <div>VI ⁺ _____</div> <div>OP RANGE _____</div> <div>W RXM _____</div> </div>		(MUST BE SIX USABLE AZIMUTHS)		
(VI ÷ RN IN THOUSANDS = VA)		TOTAL OF AZIMUTHS (ADD EACH COLUMN)		
<div>100/R _____</div> <div>VI x 100/R _____</div> <div>(NEAREST .1)</div>		AVG OF AZIMUTHS (TOTAL ÷ 6)		
<div>VA ⁺ _____</div> <div>(NEAREST MIL)</div>		DIR TO MPI		
<div>VA ⁺ _____</div> <div>(NEAREST MIL)</div>				

DATA SECTION	
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81-MM/60-MM		120 MM	
RP GRID _____	CHA _____	ELE _____	
RP ALT _____	MORT ALT _____	MPI ALT _____	CHA FIRED _____
VI \pm _____	ALT CORR \pm _____	MORT ALT _____	CHA CORR \pm _____
		VI _____	
		(USE THIS VI TO COMP CHA CORR) (SUBTRACT IF + AND IF -)	
<u>RP CHART DATA</u>	<u>MPI DATA</u>	CHART CHARGE TO MPI _____	
DEF _____	DEF _____	CHART DEFL TO MPI _____	
RN _____	RN _____	(DRAW THE ADJ CHG GAGE LINE FROM THE MPI POINT TO THE CHART CHG OF THE MPI POINT	
(MINUS ALT CORR)	(MINUS ALT CORR)	CHART RANGE TO MPI _____	
<u>DEF CORR</u>	<u>RANGE CORR</u>	DEFL FIRED _____	
RP DEF _____	RP RN _____	DEFL CORR $\begin{smallmatrix} R \\ L \end{smallmatrix}$ _____	
MPI DEF _____	MPI RN _____	(DETERMINE THE LARS CORR TO GET FROM MPI TO RP DEFL)	
DIFF $\begin{smallmatrix} L \\ R \end{smallmatrix}$ _____	DIFF \pm _____		
DEF CORR $\begin{smallmatrix} L \\ R \end{smallmatrix}$ _____	RCF \pm _____		
(TO APPLY, REVERSE SIGN)	(TO APPLY, REVERSE SIGN)	GRID OF MPI _____	